2022 Financial Assurance Estimate Form

(with pre-plat construction)

Project Name	Date	PCD File No.
Aura at Crossroads	6/14/2022	PPR-21-041
	PROJECT INFORMATION	
(with pre-plat construction)		Updated: 12/22/2020

No. of the contract of the con	Ourantite Unit						(with Pre-Plat (•	
Description	Quantity	Units	Cost			Total	% Complete		Remaining	
SECTION 1 - GRADING AND EROSION CONTR	OL (Construction	n and Pern	nanent BMPs)							
* Earthwork				1						
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$	-		\$	-	
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$	-		\$	-	
5,001-20,000; \$30,000 min	19,000	CY	\$ 5.00	=	\$	95,000.00		\$	95,000.0	
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$	-		\$	-	
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$	-		\$	-	
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$	-		\$	-	
* Permanent Seeding (inc. noxious weed mgmnt.)	1	AC	\$ 828.00	=	\$	828.00		\$	828.0	
* Mulching	1	AC	\$ 777.00	=	\$	777.00		\$	777.0	
* Permanent Erosion Control Blanket		SY	\$ 6.00	=	\$	-		\$	-	
* Permanent Pond/BMP Construction		CY	\$ 21.00	-	\$	-		\$	-	
* Permanent Pond/BMP (provide engineer's estimate)		EA	i i	=	\$	-		\$	-	
, , ,		EA		-	\$	-		\$	-	
Safety Fence	3,210	LF	\$ 3.00	-	\$	9,630.00		\$	9,630.0	
Temporary Erosion Control Blanket	3,210	SY	\$ 3.00	=	\$			\$	5,030.	
Vehicle Tracking Control	3	EA	\$ 2,453.00	_	\$	7,359.00		\$	7,359.0	
Silt Fence	3,342	LF	\$ 2,433.00	=		8,689.20				
	3,342				\$	0,009.20		\$	8,689.2	
Temporary Mulah		AC	\$ 650.00	=	\$	-		\$	-	
Temporary Mulch		AC	\$ 777.00	=	\$	-		\$	-	
Erosion Bales		EA	\$ 26.00	=	\$	-		\$	-	
Erosion Logs/Straw Waddle		LF	\$ 5.00	=	\$	-		\$	-	
Rock Check Dams		EA	\$ 518.00	=	\$	-		\$	-	
Inlet Protection	13	EA	\$ 173.00	=	\$	2,249.00		\$	2,249.0	
Sediment Basin	1	EA	\$ 1,824.00	=	\$	1,824.00		\$	1,824.0	
Concrete Washout Basin	1	EA	\$ 932.00	=	\$	932.00		\$	932.0	
				=	\$	-		\$	-	
[insert items not listed but part of construction plans]				=	\$	-		\$	-	
	NTENANCE (35%	of Consti	uction BMPs)	=	\$	7,368.62		\$	7,368.6	
- Subject to defect warranty financial assurance. A minimum of 20% shall	(00 /		•		Ψ					
		Section	on 1 Subtota	_	\$	134,656.82		\$	134,656.82	
ECTION 2 - PUBLIC IMPROVEMENTS *		Jectic	on i Subtota	=	7	134,030.02		7	15-1/050102	
LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control		LS		=	\$	-		\$	-	
LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control			\$ 29.00			·				
LOWED) ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)		LS		=	\$	-		\$	-	
CONTROLOGY Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)		LS Tons	\$ 29.00	=	\$	-		\$	- -	
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ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Curb Curd Curbase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)		LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF LF EA LF LF LF EA LF	\$ 29.00 \$ 52.00 \$ 14.50 \$ 20.00 \$ 30.00 \$ 91.00 \$ 8.30 \$ 14.00 \$ 24.00 \$ 27.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 62.00 \$ 75.00 \$ 63.00 \$ 1,190.00 \$ 1,190.00 \$ 1,190.00 \$ 1,532.00 \$ 1,532.00 \$ 51.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		
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ECTION 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator		LS Tons CY SY SY SY Tons EA EA EA EA LF LF LF SY SY SY EA LF	\$ 29.00 \$ 52.00 \$ 14.50 \$ 30.00 \$ 311.00 \$ 24.00 \$ 25.00 \$ 31.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 50.00 \$ 50.00 \$ 51.190.00 \$ 51.532.00 \$ 51.00 \$ 75.00 \$ 31.899.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			* * * * * * * * * * * * * * * * * * * *		
CONTON 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)		LS Tons CY SY SY SY Tons EA EA SF EA LF LF LF SY SY SY LF EA LF LF EA LF LF EA LF LF EA LF	\$ 29.00 \$ 52.00 \$ 14.50 \$ 30.00 \$ 311.00 \$ 311.00 \$ 24.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 62.00 \$ 75.00 \$ 1,190.00 \$ 99.00 \$ 1,532.00 \$ 75.00 \$ 1,532.00 \$ 33.899.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			* * * * * * * * * * * * * * * * * * * *		
CONTROL 2 - PUBLIC IMPROVEMENTS * OADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		LS Tons CY SY SY SY Tons EA EA EA EA LF LF LF SY SY SY EA LF	\$ 29.00 \$ 52.00 \$ 14.50 \$ 30.00 \$ 311.00 \$ 24.00 \$ 25.00 \$ 31.00 \$ 25.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 31.00 \$ 50.00 \$ 50.00 \$ 51.190.00 \$ 51.532.00 \$ 51.00 \$ 75.00 \$ 31.899.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			* * * * * * * * * * * * * * * * * * * *		

PROJECT INFORMATION								
Aura at Crossroads	6/14/2022	PPR-21-041						
Project Name	Date	PCD File No.						

			Unit	(with F			re-Plat Construction)		
Description	Quantity	Units	Cost		Total	% Complete	Remaining		
				=	\$ -		\$ -		
[insert items not listed but part of construction plans]				=	\$ -		\$ -		
STORM DRAIN IMPROVEMENTS									
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -		
18" Reinforced Concrete Pipe		LF	\$ 67.00	=	\$ -		\$ -		
24" Reinforced Concrete Pipe		LF	\$ 81.00	=	\$ -		\$ -		
30" Reinforced Concrete Pipe		LF	\$ 100.00	=	\$ -		\$ -		
36" Reinforced Concrete Pipe		LF	\$ 124.00	=	\$ -		\$ -		
42" Reinforced Concrete Pipe		LF	\$ 166.00	=	\$ -		\$ -		
48" Reinforced Concrete Pipe		LF	\$ 202.00	=	\$ -		\$ -		
54" Reinforced Concrete Pipe		LF	\$ 254.00	=	\$ -		\$ -		
60" Reinforced Concrete Pipe		LF	\$ 298.00	=	\$ -		\$ -		
66" Reinforced Concrete Pipe		LF	\$ 344.00	=	\$ -		\$ -		
72" Reinforced Concrete Pipe		LF	\$ 393.00	=	\$ -		\$ -		
18" Corrugated Steel Pipe		LF	\$ 87.00	=	\$ -		\$ -		
24" Corrugated Steel Pipe		LF	\$ 99.00	=	\$ -		\$ -		
30" Corrugated Steel Pipe		LF	\$ 126.00	=	-		\$ -		
36" Corrugated Steel Pipe		LF	\$ 152.00	=	-		\$ -		
42" Corrugated Steel Pipe		LF	\$ 174.00	=	\$ -		\$ -		
48" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -		
54" Corrugated Steel Pipe		LF	\$ 269.00	=	\$ -		\$ -		
60" Corrugated Steel Pipe		LF	\$ 290.00	=	\$ -		\$ -		
66" Corrugated Steel Pipe		LF	\$ 352.00	=	\$ -		\$ -		
72" Corrugated Steel Pipe		LF	\$ 414.00	=	\$ -		\$ -		
78" Corrugated Steel Pipe		LF	\$ 476.00	=	\$ -		\$ -		
84" Corrugated Steel Pipe		LF	\$ 569.00	=	\$ -		\$ -		
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -		
Flared End Section (FES) CSP Size =					<u> </u>				
(unit cost = 6x pipe unit cost)		EA		=	-		\$ -		
End Treatment- Headwall		EA		=	\$ -		\$ -		
End Treatment- Wingwall		EA		=	\$ -		\$ -		
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -		
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 5,736.00	=	\$ -		\$ -		
Curb Inlet (Type R) L=5', 5'≤ Depth < 10'		EA	\$ 7,440.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,637.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 7,894.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =10', 5'≤ Depth < 10'		EA	\$ 8,136.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 10,185.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 10,265.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =15', 5'≤ Depth < 10'		EA	\$ 11,005.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 12,034.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 10,940.00	=	\$ -		\$ -		
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 12,075.00	=	\$ -		\$ -		
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,802.00	=	\$ -		\$ -		
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,932.00	=	\$ -		\$ -		
Storm Sewer Manhole, Box Base		EA	\$ 12,034.00	=	\$ -		\$ -		
Storm Sewer Manhole, Slab Base		EA	\$ 6,619.00	=	\$ -		\$ -		
Geotextile (Erosion Control)		SY	\$ 6.20	=	\$ -		\$ -		
Rip Rap, d50 size from 6" to 24"		Tons	\$ 83.00	=	\$ -		\$ -		
Rip Rap, Grouted		Tons	\$ 98.00	=	\$ -		\$ -		
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -		
Drainage Channel Lining, Concrete		CY	\$ 590.00	=	\$ -		\$ -		
Drainage Channel Lining, Rip Rap		CY	\$ 116.00	=	\$ -		\$ -		
Drainage Channel Lining, Grass		AC	\$ 1,520.00	=	\$ -		\$ -		
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -		
•				=	\$ -		\$ -		
[insert items not listed but part of construction plans]				=	\$ -		\$ -		
* - Subject to defect warranty financial assurance. A minimum of 20% sha	II .								
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE		Section	n 2 Subtotal	=	\$ -		\$ -		

PROJECT INFORMATION								
Aura at Crossroads	6/14/2022	PPR-21-041						
Project Name	Date	PCD File No.						

				Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMI	PROVEMENTS (Pr	ivate or D	istr	ict and N	IOT Ma	intaine	d by EPC)**			
ROADWAY IMPROVEMENTS										
Asphalt Pavement (6" thick)	3,509	SY	\$	30.00	=	\$	105,270.00		\$	105,270.00
Curb and Gutter, Type A (6" Vertical)	860	LF	\$	31.00	=	\$	26,660.00		\$	26,660.00
Temporary 6" Asphalt Curb	799	LF	\$	8.00	=	\$	6,392.00		\$	6,392.00
5" Sidewalk (common areas only)	40	SY	\$	50.00	=	\$	2,000.00		\$	2,000.00
Pedestrian Ramp	1	EA	\$	1,190.00	=	\$	1,190.00		\$	1,190.00
Cross Pan, local (8" thick, 6' wide to include return)	42	LF	\$	42.00	=	\$	1,764.00		\$	1,764.00
Regulatory Sign/Advisory Sign	1	EA	\$	311.00	=	\$	311.00		\$	311.00
STORM DRAIN IMPROVEMENTS (Exc	eption: Permanent Pon	d/BMP shall	be it	emized und	er Section	n 1)				
18" Reinforced Concrete Pipe		LF	\$	67.00	=	\$	-		\$	-
24" Reinforced Concrete Pipe		LF	\$	81.00	=	\$	-		\$	-
30" Reinforced Concrete Pipe		LF	\$	100.00	=	\$	-		\$	-
36" Reinforced Concrete Pipe	1,059	LF	\$	124.00	=	\$	131,316.00		\$	131,316.00
48" Reinforced Concrete Pipe	101	LF	\$	202.00	=	\$	20,402.00		\$	20,402.00
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$	5,736.00	-	\$	-		\$	-
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	7,894.00	=	\$	-		\$	-
Curb Inlet (Type R) L =15', 5'≤ Depth < 10'	1	EA	\$	10,265.00	=	\$	10,265.00		\$	10,265.00
Storm Sewer Manhole, Box Base	6	EA	\$	12,034.00	=	\$	72,204.00		\$	72,204.00
Storm Sewer Manhole, Slab Base		EA	\$	6,619.00	=	\$	-		\$	-
Grated Inlet (Type C), Depth < 5'		EA	\$	4,802.00	=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"		LF	\$	66.00	=	\$	-		\$	-
Water Main Pipe (Ductile Iron), Size 6"		LF	\$	65.00	=	\$	-		\$	-
Gate Valves, 8"		EA	\$	1,923.00	=	\$	-		\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$	6,828.00	=	\$	-		\$	-
Water Service Line Installation, inc. tap and valves		EA	\$	1,370.00	=	\$	-		\$	-
Tees, 8"		EA	\$	930.00	=	\$	-		\$	-
Bends, 8"		EA	\$	650.00	=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"		LF	\$	66.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$	4,540.00	=	\$	-		\$	-
Sanitary Service Line Installation, complete		EA	\$	1,451.00	=	\$	-		\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditio	n of a	approval, or	PUD)					
		EA			=	\$	-		\$	-
		EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Section	n 3	Subtotal	=	\$	377,774.00		\$	377,774.00

PROJECT INFORMATION								
Aura at Crossroads	6/14/2022	PPR-21-041						
Project Name	Date	PCD File No.						

			Unit			(with Pre-Plat Construction)		
Description	Quantity	Units	Cost		Total	% Complete Remaining		emaining
AS-BUILT PLANS (Public Improvements inc. Permane	ent WQCV BMPs)	LS	\$ 6,000.00	=	\$ 6,000.00		\$	6,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		=	\$ -		\$	-

Total Construction Financial Assurance \$

518,430.82

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 518,430.82

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

Total Defect Warranty Financial Assurance \$ 19,321.00

(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)

Approvals

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

Engineer (P.E. Seal Required)

Allison Jones

6/14/22

Approved by Owner / Applicant

APPROVED

Engineering Department
06/21/2022 8:16:11 AM
dsdnijkamp

Approved by El Paso County Engineer / ECM Administrator

EPC Planning & Community
Development Department

43327 06/14/2022